

To: McCoy, Erin[McCoy.Erin@epa.gov]
From: Williams, Mike
Sent: Thur 5/12/2016 2:12:24 PM
Subject: RE: questions for sampling at Des Moines TCE

Thanks Erin. We'll plan on doing the same.

We have unit costs for Dioxin from two labs, but we are waiting on one lab to get back with us. According to Ted, the third lab has been the most affordable in the past so it's worth waiting a few more hours. I'll get that information to you today.

-Mike

Mike Williams | Sr. Project Manager/Hydrogeologist

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From: McCoy, Erin [mailto:McCoy.Erin@epa.gov]
Sent: Thursday, May 12, 2016 8:15 AM
To: Williams, Mike <Mike.Williams@tetratech.com>
Subject: RE: questions for sampling at Des Moines TCE

Mike, I talked to Vanessa, who has actually performed sediment sampling at the SPA. She said that it would be really hard to get a boat in there and that you could sink up to your chin in waders in places. She said that when she sampled, she waded out as far as she could from the bank to collect samples, but didn't get any from the middle.

Given this information, I think we should do the same. I apologize for not asking her prior to talking to you earlier. Please let me know if you have any questions. Thanks!



Erin McCoy, P.G. | Remedial Project Manager

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From: Williams, Mike [<mailto:Mike.Williams@tetrattech.com>]

Sent: Wednesday, May 04, 2016 4:46 PM

To: McCoy, Erin <McCoy.Erin@epa.gov>

Subject: questions for sampling at Des Moines TCE

Hi Erin,

I hope your training is going well. We are starting on the QAPP so we can get the Analytical Sampling Request in as soon as possible. Would you mind seeing if you can help with these questions?

Questions/comments with regard to proposed sampling (Task 2 – Site Characterization) at the Des Moines TCE Site:

- 1) It is our understanding that only four (4) buildings remain standing on the property (Buildings 1 & 2, Maintenance Building, and Production Building). Therefore, can we assume that wipe sampling and building material sampling will be limited to these 4 buildings?
- 2) What sample volume will be required by the laboratory for the specified building material samples?

3) With regard to concrete core samples, is the intent to collect concrete chips/dust from the concrete slab surfaces for chemical analysis or are intact concrete cores required for laboratory analysis?

4) With regard to the soil/sediment sampling in the South Pond Area, we propose to collect 10 soil/sediment samples at evenly spaced locations around the perimeter of the pond. Is this approach acceptable or will it be necessary to collect sediment samples from the submerged area of the pond? Additionally, we propose to collect 2 surface water samples, one each from the inlet and outfall sides of the pond. Is this approach acceptable?

Thanks for your help.

We're also making progress on the costs for demolition. I have something to review in my inbox. I'll see how that is going.

Take care,

-Mike

Mike Williams | Sr. Project Manager/Hydrogeologist

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